

1. Record Nr.	UNISA996217167803316
Titolo	Titanium-Mineral Deposits of the Roseland Anorthosite-Ferrodiorite Terrane, Blue Ridge Province of Central Virginia: Nelson and Amherst Counties, Virginia, July 15-16 1989
Pubbl/distr/stampa	[Place of publication not identified], : American Geophysical Union, 2013
ISBN	1-118-66720-4
Descrizione fisica	1 online resource (346 pages)
Disciplina	669.7322
Soggetti	Titanium
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	Grenvillian terranes of eastern Canada are characterized by large titanium deposits and the association anorthosite-ferrodiorite-charnockite-granulite. The Roseland district of Nelson and Amherst Counties in central Virginia (figure 1) is the only terrane of the southern Appalachians known to have this association; titanium deposits include rutile in the anorthosite border zone and ilmenite in nelsonite and ferrodiorite. The anorthosite is unusually alkalic with a combined Na <sub>2</sub> O + K <sub>2</sub> O content of 8.4% (Table 2), about 1½ times the world average for massif anorthosites (Nockolds, 1954).